Atty Docket No. Application No. TR-6009 (113964-082) Applicant Applicant Hurst et al. Filing Date 02/20/2004 Application No. TR-6009 (113964-082) 10/783,379 Applicant Hurst et al.

| MADEMARY | | U.S. PAT | TENT DOCUMENTS | | | |
|------------------------|--------------------|---------------------|-------------------------------|-------|----------|----------------------------------|
| Examiner's Initials | Document Number | Publication Date | Inventor | Class | Subclass | Filing Date If Appropriate |
| CS | 4,916,198 | Apr. 10, 1990 | Scheve et al. | | | 1 |
| 9 | 5,047,485 | Sept. 10, 1991 | DeNicola, Jr. | | | |
| Q | 5,218,049 | June 8, 1993 | Yamamoto et al. | | | |
| 75 | 5,272,236 | Dec. 21, 1993 | Lai, et al. | • | | |
| B | 5,416,169 | May 16, 1995 | Saito, et al. | | | 7 |
| S | 5,605,936 | Feb. 25, 1997 | DeNicola, Jr., et al. | | X | |
| 08 | 5,783,638 | July 21, 1998 | Lai, et al. | | 1 | \ |
| 3 | 5,792,824 | Aug. 11, 1998 | Natori | | : / | |
| 5 | 5,795,945 | Aug. 18, 1998 | Natori | • | / | |
| S | 5,863,986 | Jan. 26, 1999 | Herrmann-Schonherr, et al. | | | |
| (5) | 5,854,349 | Feb. 23, 1999 | Naniwae, et al. | / | | |
| 5 | 6,297,322 | Oct. 2, 2001 | Ding, et al. | 7 | | |
| S | 2002/0090476 | July 11, 2002 | Ling, Michael T.K.; et al. | | | |

| | | FOREIGN | PATENT DOCUMI | ENTS | | | |
|------------|--------------|---------------|---------------|-------|----------|-------------|----|
| Examiner's | Document | Publication | | | | Translation | |
| Initials | Number | Date | Country | Class | Subclass | Yes | No |
| (| EP 0 291,208 | Apr. 29, 1988 | EPO | 1 | | | |
| 3 | EP 0 283,164 | Mar. 1, 1988 | EPO | | | | |
| 5 | EP 0 497,567 | Jan. 1, 1992 | EPO | | | | |
| | | | | / | | | |
| | | | | 7 | | | |

| Examiner's Initials | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |
|------------------------|--|
| | |
| | |
| | |

Examiner: Date Considered: 6/9/06

^{*}Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

NOV 0 9 2005

Sheet 1

PTO/SB/08A (07-05) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

| Complete if Known | | | | | |
|------------------------|------------------|--|--|--|--|
| Application Number | 10/783,379 | | | | |
| Filing Date | 02/19/04 | | | | |
| First Named Inventor | William S. Hurst | | | | |
| Art Unit | 1745 | | | | |
| Examiner Name | Unknown | | | | |
| Attorney Docket Number | TR-6009 | | | | |

| Examiner Initials* | Cits No.1 | Document Number Number-Kind Code ^{2 (* Intown)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------|---|-----------------------------|--|---|
| S | | ^{US-} 4,157,723 | 06/12/79 | Granzow et al. | |
| 12 | | ^{US-} 5,444,814 | 08/22/95 | David V. Hofius, Sr. | |
| | | ^{US-} 5,549,552 | 08/27/96 | Peters et al. | |
| | | ^{US-} 2003/0015284A1 | 01/23/03 | Merdan et al. | X |
| 0 | | ^{US-} 2003/141002A1 | 07/31/03 | Aiden Flanagan | |
| Q | | ^{US-} 2003/0201059A1 | 10/30/03 | Holman et al. | |
| Q | | ^{US-} 2004/0030384A1 | 02/12/04 | Lawrence Y. Wissman | |
| VHZ | | US- | | | |
| Ve | | US | | | |
| | | US- | | | |
| | | U\$- | | | |
| | | US - | | | |
| 1 | | US- | | | |
| | | US- | | | |

| | | | IGN PATENT DOC | JMENTS | | |
|--------------------|--------------|---|---------------------|--|---|----|
| Examiner Initials* | Cite No.1 | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | |
| | | Country Code ³ Number ⁴ Kind Code ³ (if known) | MM-DD-YYYY | | Or Relevant Figures Appear | T° |
| 5 | | DE 3833110A1 | 04/05/90 | Siemens AG | | |
| 03 | | EP 0839634A2 | 05/06/98 | Schneider Inc. | | |
| CZ | | EP 1234595A2 | 08/28/02 | Medtronic Ave Inc. | | |
| | | JP 07052253 Ptnt Abst | 02/28/95 | Uratani Masao | X | |
| رح | | JP 09216287 Ptnt Abst | 08/19/97 | Sekisul Chem Co Ltd | | |
| S | | JP 2001191412 Ptnt Abst | 07/17/01 | Asahi Intecc Co Ltd. | | - |

Examiner Signature Date Considered 6/9/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this term with next communication to applicant. Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 8 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449/PTO Application Number 10/783,379 Filing Date 02/19/04 INFORMATION DISCLOSURE First Named Inventor William S. Hurst STATEMENT BY APPLICANT Art Unit 1745 (Use as many sheets as necessary) **Examiner Name** Unknown Sheet 2 Attorney Docket Number TR-6009

| | | | U. S. PATENT D | | |
|--------------------|--|---|--------------------------------|--|---|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ^{2 (F Into art)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | US- | | | 1.3-100.4700 |
| | l | 05- | 1 | | |
| _ | | US- | | | |
| | | 418- | | | |
| | | US- | | | |
| | - | US- | | | |
| | | US- | | *************************************** | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |

| | | FORE | IGN PATENT DOC | JMENTS | ····· | |
|----|--------------|---|---------------------|--|---|----|
| | Cite No.1 | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | |
| | | Country Code ³ Number ⁴ Kind Code ³ (if known) | MM-DD-YYYY | | Or Relevant Figures Appear | Τ¢ |
| 9 | | JP 63151432 Ptnt Abst | 06/24/88 | Sharp Corp. | | |
| 75 | | WO 02/00144 A1 | 01/03/02 | Coloplast A/S | | |
| | 87 | | | | | |
| | ļ | | | | | |
| | | | | | | L |
| | | | | | | |
| L | <u> </u> | | | <u> </u> | | |

*EXAMINER: Initial if reference considered unterfer or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Date Considered

Examiner

Signature

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

NOV 0 9 2005

PTO/S8/08B (07-05)

Approved for use through 07/31/2008. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
User the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

| Sub | te for form 1449/PTO | | | Complete if Known | | | | |
|-------|----------------------|--------------------|-----------|------------------------|------------------|-----|--|--|
| ARRE | | | | Application Number | 10/783,379 | | | |
| INF | ORMATION | DIS | CLOSURE | Filing Date | 02/19/04 | | | |
| STA | TEMENT E | BY A | PPLICANT | First Named Inventor | William S. Hurst | | | |
| | (Use as many sh | 00 f r 00 0 | ances and | Art Unit | 1745 | ··· | | |
| | tose as many sin | 70 CS 83 11 | ecessery) | Examiner Name | Unknown | | | |
| Sheet | 1 | of | 1 | Attorney Docket Number | TR-6009 | | | |

| | | NON PATENT LITERATURE DOCUMENTS | |
|-----------------------|--------------|---|----|
| Examiner Initials* | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |
| B | | BACHMANN et al.,"Laser Welding of Polymers Using High Power Diode Lasers", 2002, pp 505-518, vol. 4637, Proceedings of the Spie, Spie, Bellingham. | |
| Ć | | JONES et al., "Use of Infrared Dyes for Transmission Laser Welding of Plastics" 2000, pp 1166-1170, Antec. Conference Proceedings. | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| Examiner Signature | Orwa | Date Considered | 6/ | 9/06 | |
|-----------------------|--|---------------------|---------------|------------------------|--|
| *EXAMINER: Init | ial if reference considered, whether or not citation is in conformance with MPEP 609 | Draw line through c | tation if Kot | in conformance and not | |

considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is oplace a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.